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hasy and rapid accompibility of information in a central file to a prerequisite to prompt production of intelligence. Recognition of the edvantages of research in the field of information methodology led the CIA Henagement advisor, in cooperation with OSI, to set up _____ an experimental progress, 25X1A5a1 under Contract EG-AA7, to explore the possibility of developing indexes which can be searched by automatic equipment. This experimental work was conducted in the field of expiculture. The mechines used were specially designed and for the purpose of searching and correlating information. constructed

> This exploratory work has opened up the possibility of developing industrie methods for machine securiting on a scale adequate to serve Cla's reference library requirements. This evaluation is based on exploratory work conducted under Contract XG-427 and on descriptations staged for CIA personnel. These per indexing notheds, then worked out in final form, give premise of achieving considerable savings in manyouer and cost while rendering a reference service of greatly improved effectiveness. The next phase of this development should be on a scale analogous to the pilot plant in a charical development. The store to be taken are the followings

- 1. Recenting the existing CIA intelligence Subject Code (maintained in (CD) so that it may serve as a general francuor! for the detailed meido inferior cyclos.
- 2. Developing the new eyeten in detail for the field of agriculture. A portion of the work required in this commetten has already been done under Contract Mi-AL7.
- 3. Took the indexing system developed for acrimitare by indexing Intollinesse inforestion in that field and conducting medianised searches.
- A. Development of an indexing system for other branches of natural selence and technology. This is a large task those accomplishment in full detail will require considerable effort. Our immediate goal is a religiously form of much a general indexing system.
- 5. A broad program of invertigation theoretical in pature of the underlying logic and nathousties of inducing methods and smeltine executions. The results of this study will muide us in setting up our over-all indexing system in final form-

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25X1A5a1	The establishment and adulmistration of this program will be familitated by setting it up at
25X1A5a1	the besis for provious exploratory work. Our development progress is to be under the direction of the provious
5X1A5a1	exploratory investigation, and who has been a CIA consultant for the past two years. consisting users by a steering who, in his especity as secutive Secretary of the Interdepartmental Consistes on Setentific
	information problems facing government agencies. A stall full time group 25X1A5a1 of ten to fifteen persons - will be set up to work under the committing basis to assist with technical problems executioned in developing the inducting system.
	To cost of this program is estimated at 120,000.
25X1A5a1	needed equipment. Detailed arrangements are to be worked out 25X1A5a1 Experience gained in recent experiences and deconstructions will be used as a bacis for developing details of machine design with a separamental engineers.

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